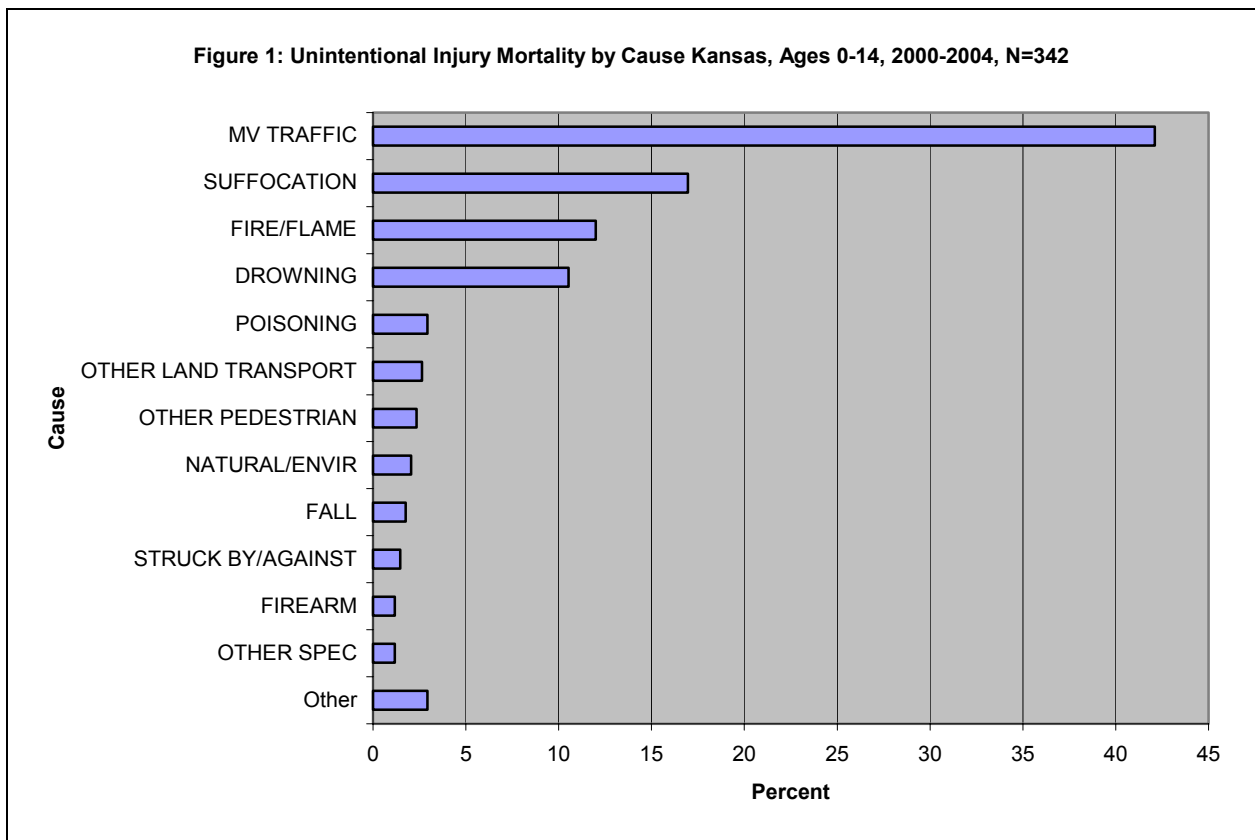


MORTALITY

Mortality

Unintentional injury is the leading cause of deaths among Kansans ages 1-34 years (CDC, 2006). Between 2000 and 2004, 342 Kansas children and adolescents ages 0-14 years died due to unintentional injuries. Male children accounted for approximately 63% (n=216) and female children accounted for approximately 37% (n=126) of these deaths. Majority of these deaths occurred among children ages 0-4 years (49.1%, n=168) compared to children ages 5-9 years (19.6%, n=67) and those 10-14 years (31.3%, n=107).



Source: KDHE, Vital Statistics

Within the same period, motor vehicle traffic related injuries were observed to be the leading cause of unintentional injury deaths, accounting for approximately 42% (n=144) of the deaths among children and adolescents. Suffocation (16.96%, n=58), Fire/Flame (11.99%, n=41) and Drowning (10.53%, n=36) were respectively observed to be the second, third, and fourth leading causes of unintentional injury deaths among Kansas children.

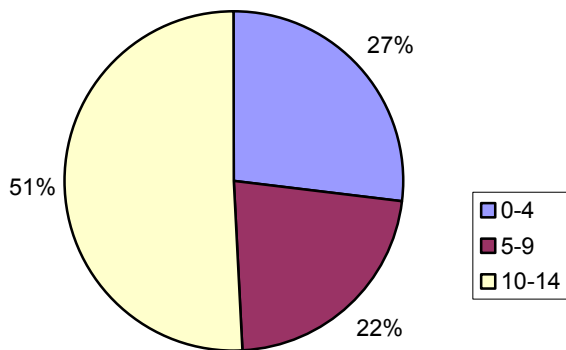
**Table 1. Unintentional Injury Mortality among Kansans Ages 0-14 years
Kansas 2000-2004**

Cause	Frequency	Percent
Motor Vehicle Traffic	144	42.1
Suffocation	58	17.0
Fire/Flame	41	12.0
Drowning	36	10.5
Poisoning	10	2.9
Other Land Transport	9	2.6
Other Pedestrian	8	2.3
Natural/Environment	7	2.1
Fall	6	1.8
Struck By /Against	5	1.5
Firearm	4	1.2
Other Spec	4	1.2
Others	10	2.9

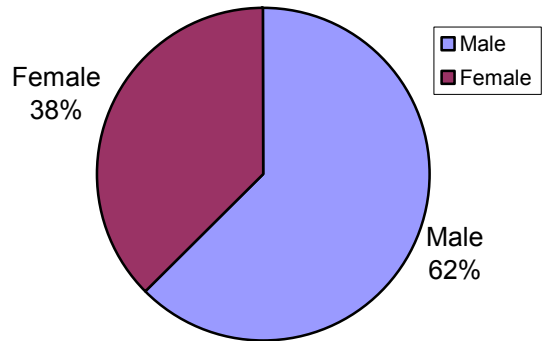
Motor Vehicle Traffic-Related Mortality

Motor Vehicle Traffic-Related deaths are the leading cause of unintentional injury mortality among children and adolescents ages 0-14 years in Kansas. Between 2000 and 2004, 144 Kansas children and adolescents died due to motor vehicle traffic-related injuries.

**Figure 2: Motor Vehicle Traffic-Related Unintentional Injury Mortality by Age Group
Kansans 0-14 years, Kansas 2000-2004**



**Figure 3: Motor Vehicle Traffic-Related Unintentional Injury Mortality by Sex
Kansans 0-14 years, Kansas 2000-2004**



Source: KDHE, Vital Statistics

Male children accounted for approximately 62% (n=90) while female children accounted for approximately 38% (n=54) of these deaths. Majority of the deaths occurred among children and adolescents ages 10-14 years (51%, n=73) compared to children ages 5-9 years (22%, n=32) and those ages 0-4 years (27%, n=39).

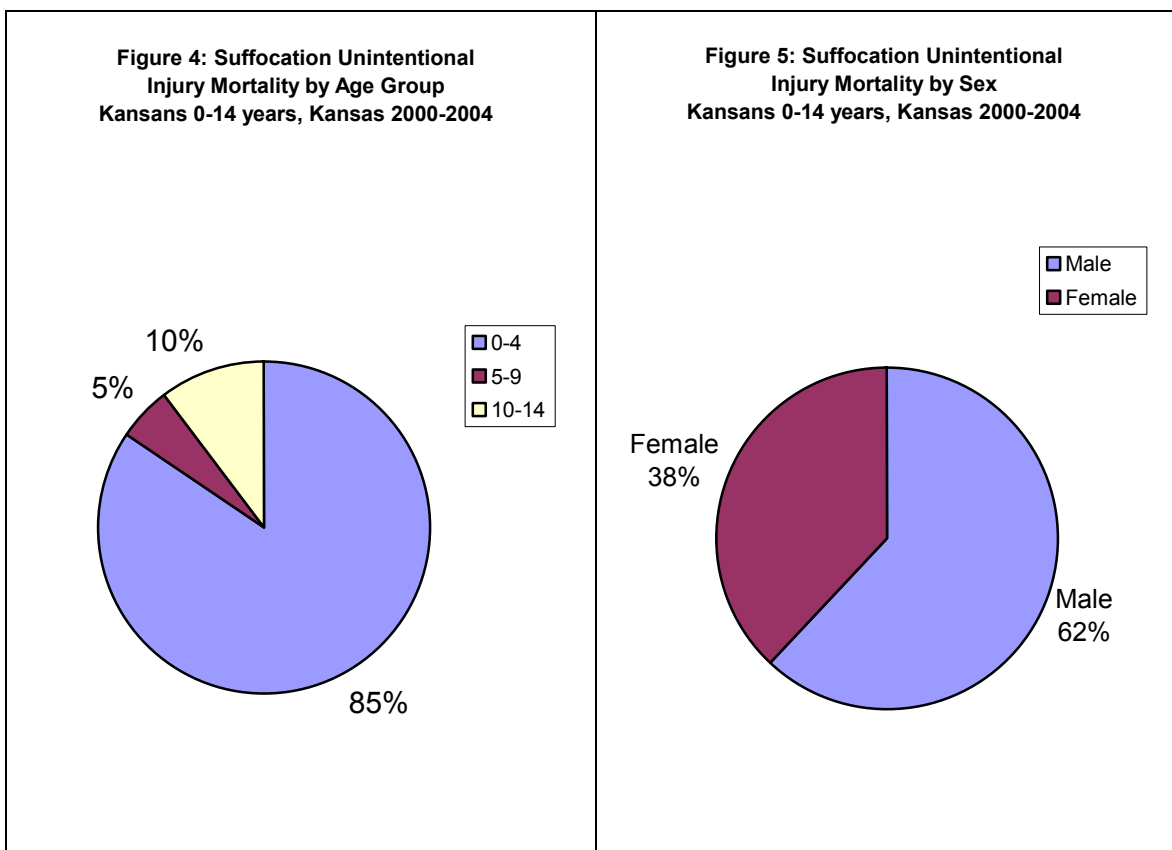
**Table 2. Unintentional Injury Mortality Due to Motor Vehicle Traffic Crashes
Kansans Ages 0-14 years, Kansas 2000-2004**

Age Group (Years)	Frequency	Percent (%)
0-4	39	27
5-9	32	22
10-14	73	51

Sex	Frequency	Percent (%)
Male	90	62
Female	54	38

Mortality due to Suffocation

Deaths due to suffocation are the second leading cause of unintentional injury mortality among children and adolescents ages 0-14 years in Kansas. Between 2000 and 2004, 58 Kansas children and adolescents died from unintentional injuries due to suffocation.



Source: KDHE, Vital Statistics

Male children and adolescents accounted for approximately 62% (n=36) while female children and adolescents accounted for approximately 38% (n=22) of these deaths. Majority of the deaths occurred among children ages 0-4 years (85%, n=49) compared to children ages 5-9 years (5%, n=3) and those ages 10-14 years (10%, n=6).

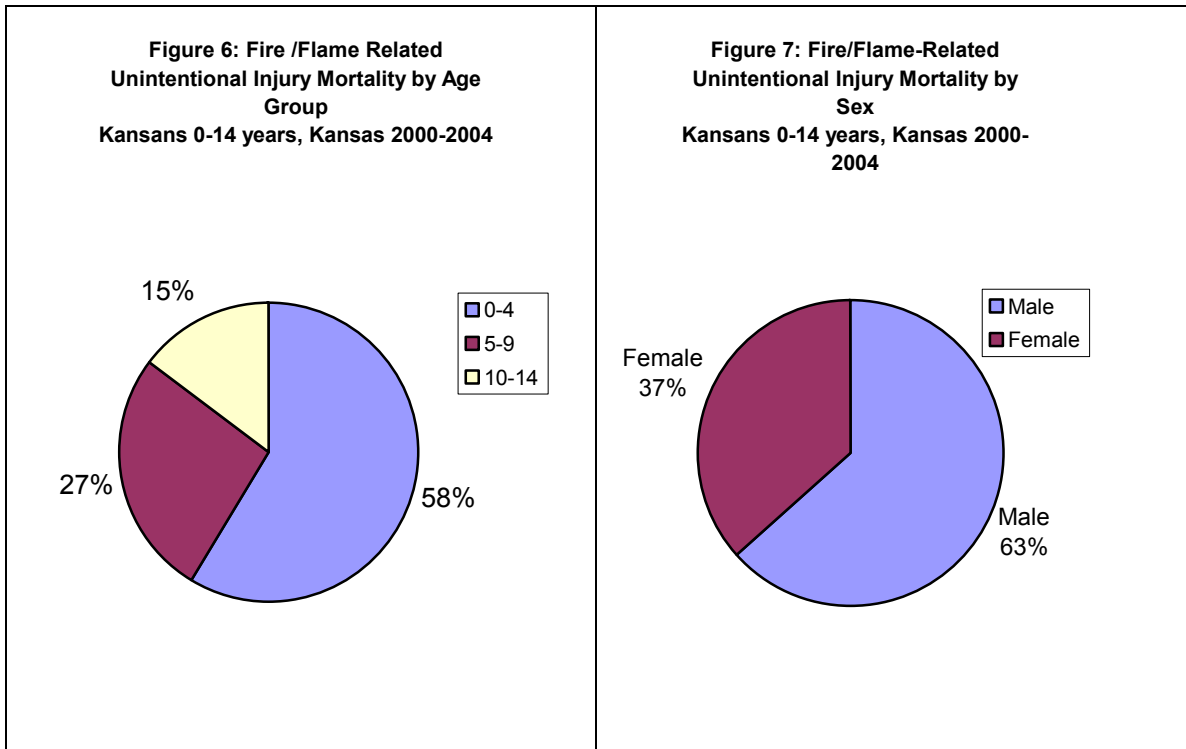
**Table 3. Unintentional Injury Mortality Due to Suffocation
Kansans Ages 0-14 years, Kansas 2000-2004**

Age Group (Years)	Frequency	Percent (%)
0-4	49	85
5-9	3	5
10-14	6	10

Sex	Frequency	Percent (%)
Male	36	62
Female	22	38

Mortality due to Fire/Flame-Related Injuries

Deaths due to fire/flame are the third leading cause of unintentional injury mortality among children and adolescents ages 0-14 years in Kansas. Between 2000 and 2004, 41 Kansas children and adolescents died from unintentional injuries due to fire/flame.



Source: KDHE, Vital Statistics

Male children and adolescents accounted for approximately 63% (n=26) while female children and adolescents accounted for approximately 37% (n=15) of these deaths. Majority of the deaths occurred among children ages 0-4 years (58%, n=24) compared to children ages 5-9 years (27%, n=11) and those ages 10-14 years (15%, n=6).

**Table 4. Unintentional Injury Mortality Due to Fire/Flame- Related Injuries
Kansans Ages 0-14 years, Kansas 2000-2004**

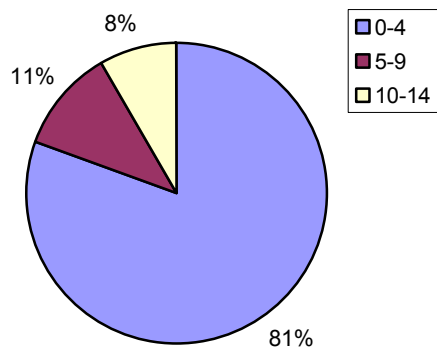
Age Group (Years)	Frequency	Percent (%)
0-4	24	58
5-9	11	27
10-14	6	15

Sex	Frequency	Percent (%)
Male	26	63
Female	15	37

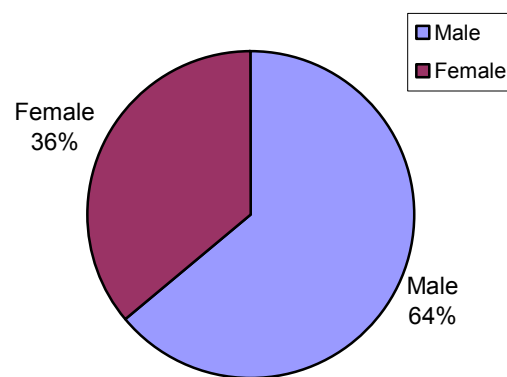
Mortality due to Drowning

Deaths due to drowning are the fourth leading cause of unintentional injury mortality among children and adolescents ages 0-14 years in Kansas. Between 2000 and 2004, 36 Kansas children and adolescents died from unintentional injuries due to drowning.

**Figure 8: Drowning Unintentional Injury Mortality by Age Group
Kansas 0-14 years, Kansas 2000-2004**



**Figure 9: Drowning Unintentional Injury Mortality by Sex
Kansas 0-14 years, Kansas 2000-2004**



Source: KDHE, Vital Statistics

Male children and adolescents accounted for approximately 64% (n=23) while female children and adolescents accounted for approximately 36% (n=13) of these deaths. Majority of the deaths occurred among children ages 0-4 years (81%, n=29) compared to children ages 5-9 years (11%, n=4) and those ages 10-14 years (8%, n=3).

**Table 5. Unintentional Injury Mortality Due to Drowning
Kansans Ages 0-14 years, Kansas 2000-2004**

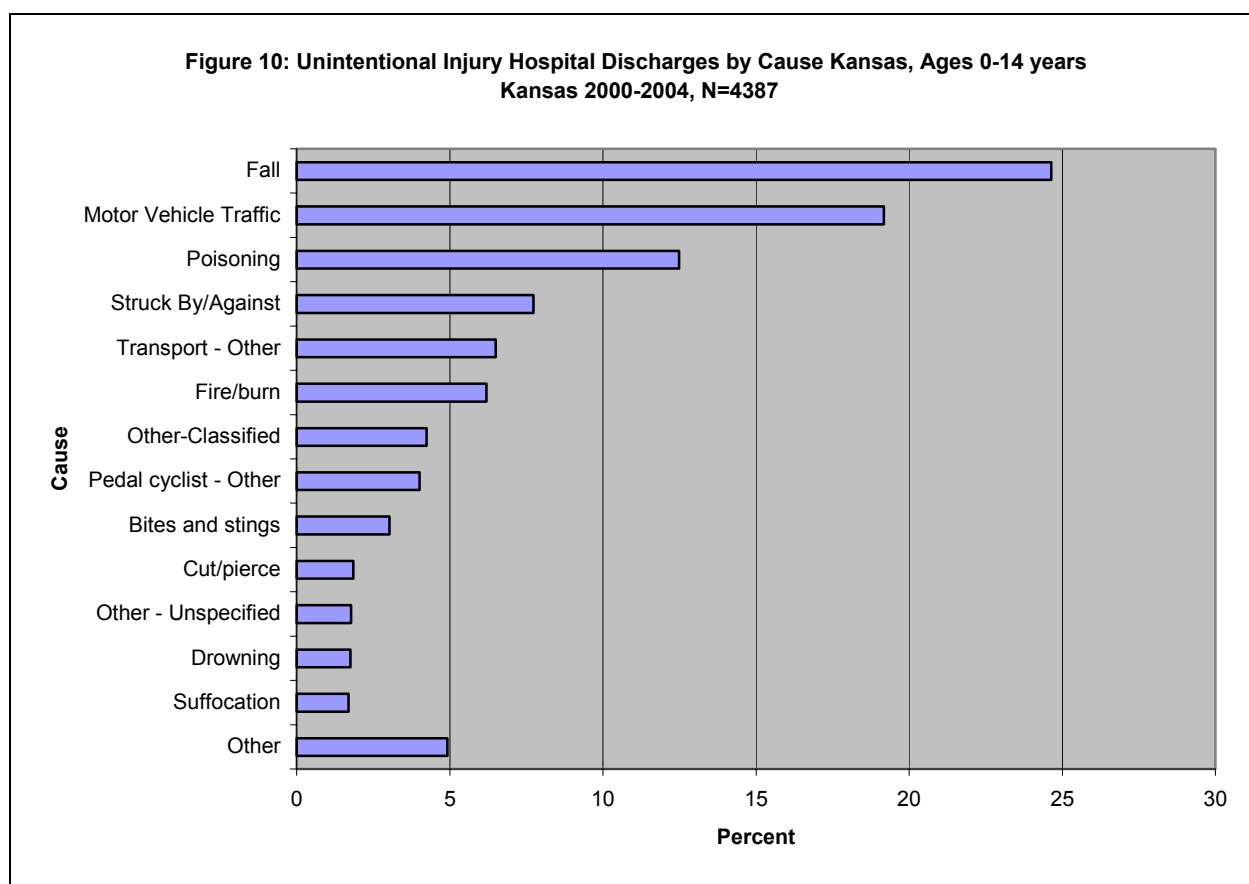
Age Group (Years)	Frequency	Percent (%)
0-4	29	81
5-9	4	11
10-14	3	8

Sex	Frequency	Percent (%)
Male	23	64
Female	13	36

HOSPITAL DISCHARGES

Hospital Discharges

Unintentional injuries remain a major cause of hospitalization among children ages 0-14 years. Between 2000 and 2004, 4,387 Kansas hospital discharges for unintentional injuries were reported for Kansas children ages 0-14 years. Male children accounted for approximately 62% (n=669) while female children accounted for approximately 32% (n=412). Majority of these hospital discharges occurred among children ages 0-4 years (43.8%, n=473) compare to children ages 5-9 years (30.4%, n=329) and those ages 10-14 years (25.8%, n=279).



Source: Kansas Hospital Association

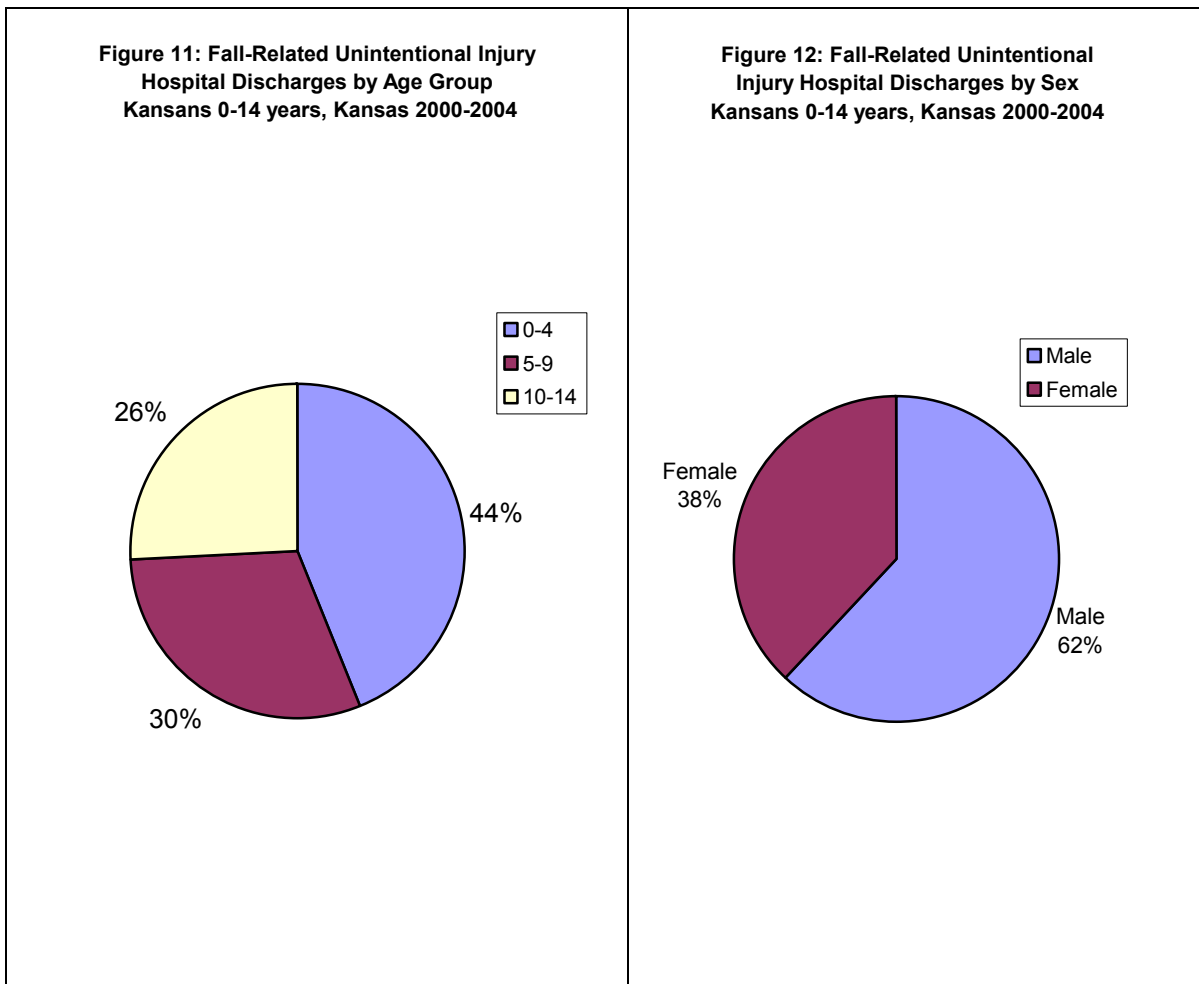
Within the same period, fall related injuries were observed to be the leading cause of unintentional injury hospital discharges, accounting for approximately 25 % (n=1081) of the children hospitalized. Motor vehicle Traffic (n=841, 19.2%), Poisoning (n=548, 12.5%) and Struck By/Against related injuries (n=339, 7.7%) were respectively observed to be the second, third and fourth leading causes of unintentional injury hospital discharges among Kansas children.

**Table 6. Unintentional Injury Hospital Discharges Among Kansans Ages 0-14 years
Kansas 2000-2004**

Cause	Frequency	Percent
Fall	1081	24.6
Motor Vehicle Traffic	841	19.2
Poisoning	548	12.5
Struck By/Against	339	7.7
Transport - Other	285	6.5
Fire/burn	272	6.2
Other-Classified	186	4.2
Pedal cyclist - Other	176	4.0
Bites and stings	133	3.0
Cut/pierce	81	1.9
Other - Unspecified	78	1.8
Drowning	77	1.8
Suffocation	74	1.7
Others	216	4.9

Fall-Related Hospital Discharges

Fall-related injuries are the leading cause of unintentional injury hospital discharges among children ages 0-14 years in Kansas. Between 2000 and 2004, 1,081 hospital discharges for fall-related unintentional injuries were reported for Kansas children ages 0-14 years.



Source: Kansas Hospital Association

Of these hospital discharges, male children accounted for approximately 62% (n=669) while female children accounted for approximately 38% (n=412). Majority of the hospital discharges occurred among children ages 0-4 years (44%, n=473) compare to children ages 5-9 years (30%, n=329) and those ages 10-14 years (26%, n=279).

**Table 7. Unintentional Injury Hospital Discharges Due to Falls, Kansans
Ages 0-14 years, Kansas 2000-2004**

Age Group (Years)	Frequency	Percent
0-4	473	44
5-9	329	30
10-14	279	26

Sex	Frequency	Percent
Male	669	62
Female	412	38

Hospital Discharges due to Motor Vehicle Traffic Related Crashes

Motor Vehicle Traffic-related injuries are the second leading cause of unintentional injury hospital discharges among children ages 0-14 years in Kansas. Between 2000-2004, 841 hospital discharges for motor vehicle traffic-related unintentional injuries were reported among children ages 0-14 years.

Figure 13: Motor Vehicle Related Unintentional Injury Hospital Discharges by Age Group Kansans 0-14 years, Kansas 2000-2004

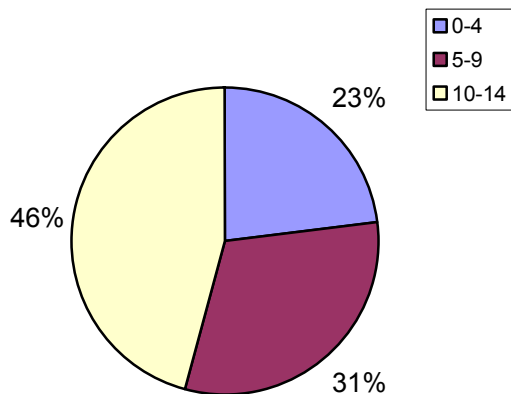
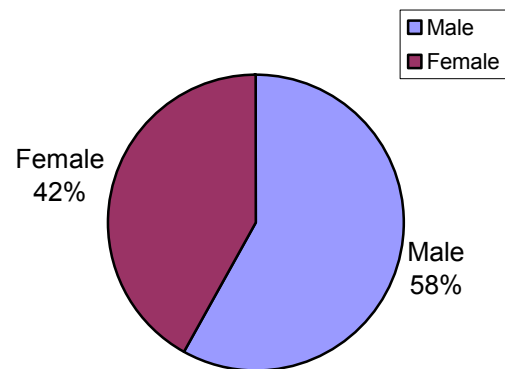


Figure 14: Motor Vehicle Traffic Related Unintentional Injury Hospital Discharges by Sex Kansans 0-14 years, Kansas 2000-2004



Source: Kansas Hospital Association

Male children accounted for approximately 58% (n=488) while female children accounted for approximately 42% (n=353) of these discharges. Majority of the hospital discharges occurred among children ages 10-14 years (46%, n=385) compare to children ages 0-4 years (23%, n=193) and those ages 5-9 years (31%, n=263).

**Table 8. Unintentional Injury Hospital Discharges Due to Motor Vehicle Traffic
Crashes Kansans Ages 0-14 years, Kansas 2000-2004**

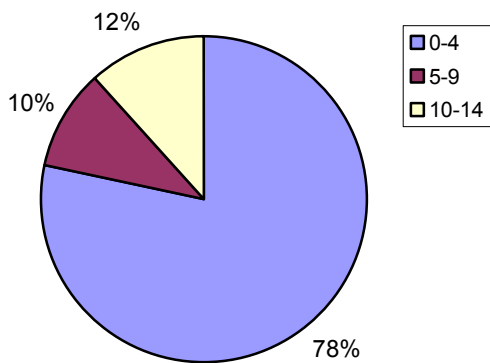
Age Group (Years)	Frequency	Percent
0-4	193	23
5-9	263	31
10-14	385	46

Sex	Frequency	Percent
Male	488	58
Female	353	42

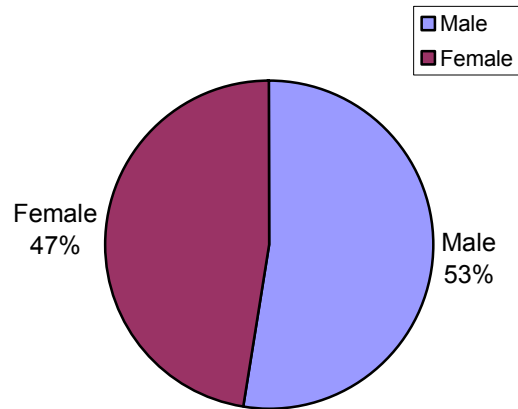
Poisoning-Related Hospital Discharges

Injuries due to poisoning are the third leading cause of unintentional injury hospital discharges among children ages 0-14 years in Kansas. Between 2000-2004, 548 hospital discharges for unintentional injuries due to poisoning were reported among Kansas children ages 0-14 years.

**Figure 15: Poisoning Unintentional Injury Hospital Discharges by Age Group
Kansans 0-14 years, Kansas 2000-2004**



**Figure 16: Poisoning Unintentional Injury Hospital Discharges by Sex
Kansans 0-14 years, Kansas 2000-2004**



Source: Kansas Hospital Association

Male children accounted for approximately 53% (n=288) while female children accounted for approximately 47% (n=260) of these discharges. Majority of these hospital discharges occurred among children ages 0-4 years (78%, n=430) compared to children ages 5-9 years (10%, n=54) and those ages 10-14 years (12%, n= 64).

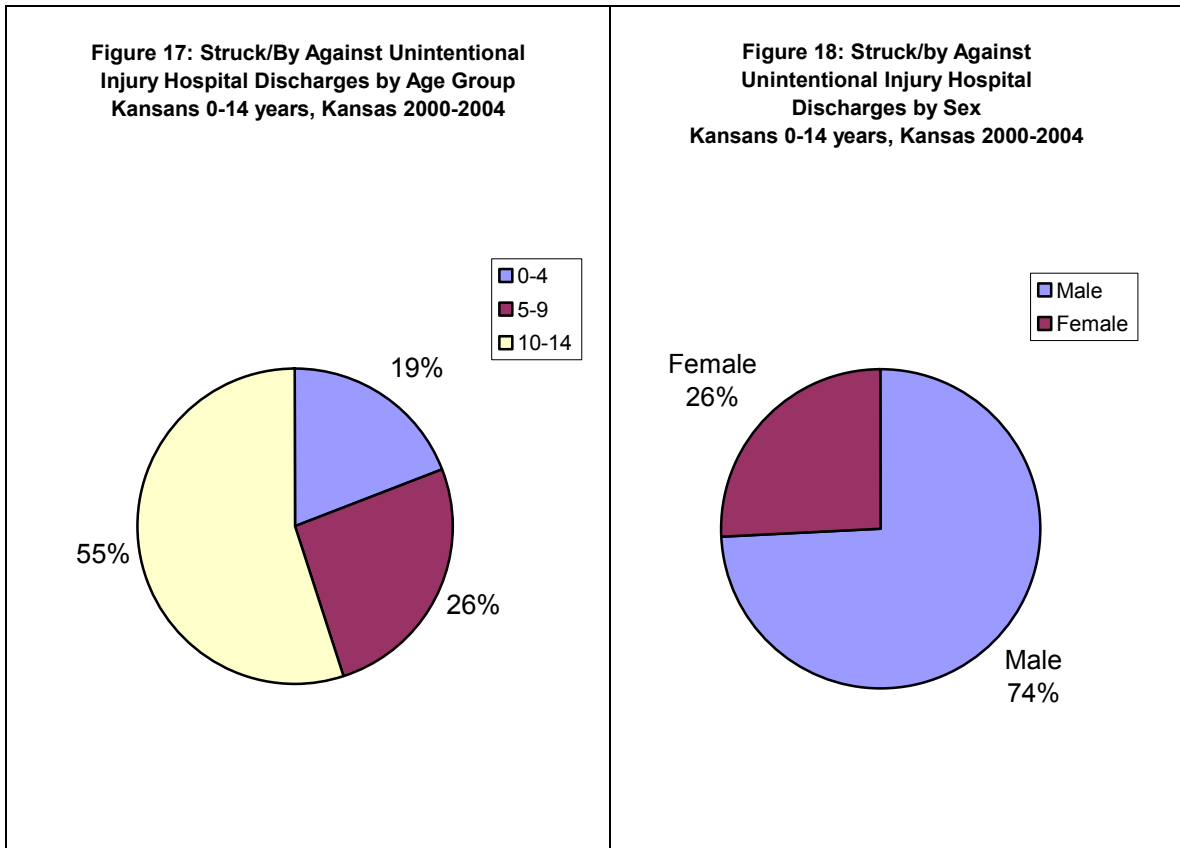
**Table 9. Unintentional Injury Hospital Discharges Due to Poisoning, Kansans
Ages 0-14 years, Kansas 2000-2004**

Age Group (Years)	Frequency	Percent
0-4	430	78
5-9	54	10
10-14	64	12

Sex	Frequency	Percent
Male	288	53
Female	260	47

Struck By/ Against – Hospital Discharges

Struck By/Against injuries are the fourth leading cause of unintentional injury hospital discharges among children ages 0-14 years. Between 2000-2004, 339 hospital discharges for struck by/against unintentional injuries were reported for Kansas children ages 0-14 years.



Source: Kansas Hospital Association

Male children accounted for approximately 74% (n=251) while female children accounted for approximately 26% (n=88) of these discharges. Majority of these hospital discharges occurred among children ages 10-14 years (55%, n=186) compared to children ages 5-9 years (26%, n=88) and those ages 0-4 years (19%, n=65).

Struck by/against category includes:

- Struck accidentally by a falling object
 - Collapse of building or
 - Object falling from a machine
- Striking against or struck accidentally by objects and persons
 - Being kicked or stepped on during a game, or being struck by a hit or thrown ball in sports, or
 - Caused by a crowd by collective fear or panic (i.e., crushed, stepped on).

**Table 10. Unintentional Injury Hospital Discharges Due to Struck by/Against
Kansans Ages 0-14 years, Kansas 2000-2004**

Age Group (Years)	Frequency	Percent
0-4	65	19
5-9	88	26
10-14	186	55

Sex	Frequency	Percent
Male	251	74
Female	88	26